

U.S. PTO
08/787745



01/24/97

10-1

330

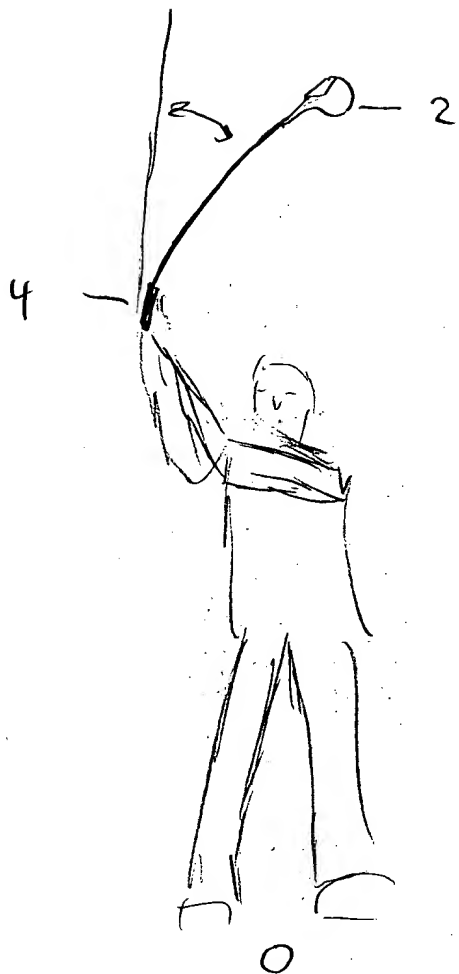


FIG 1

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08/787745 PTO

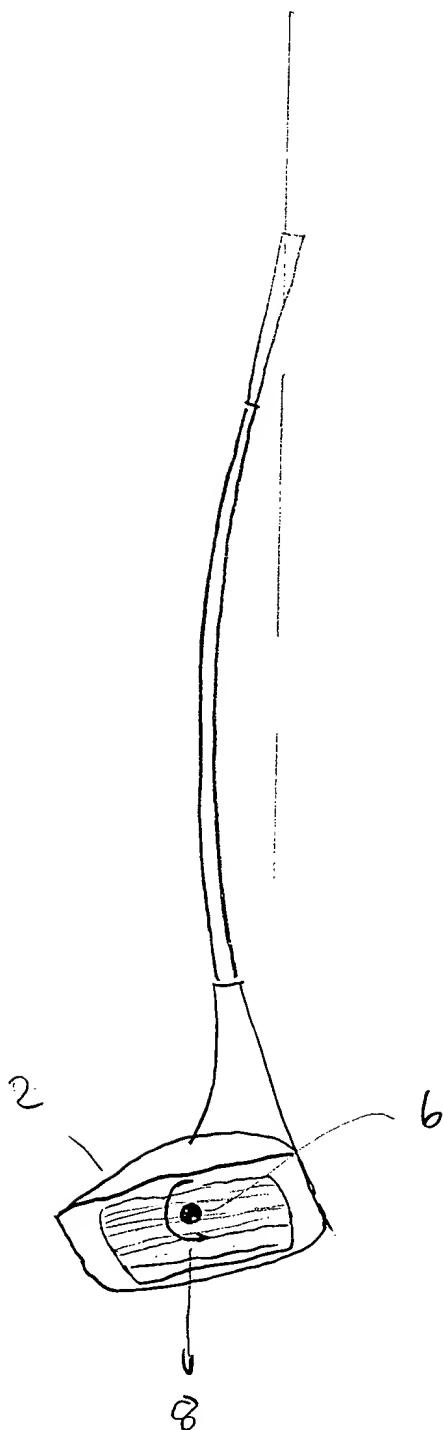


FIG 2A

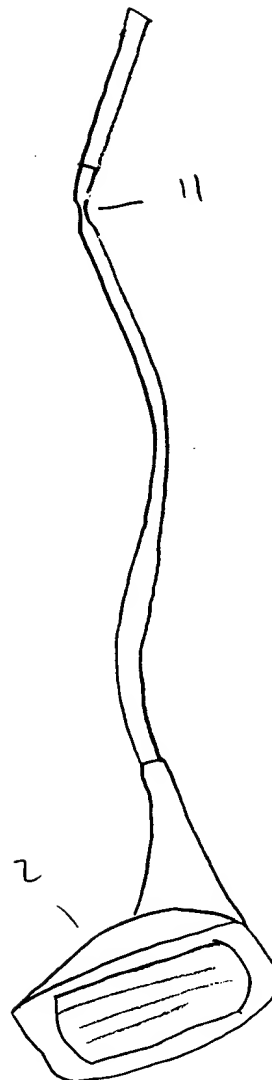


FIG 2B

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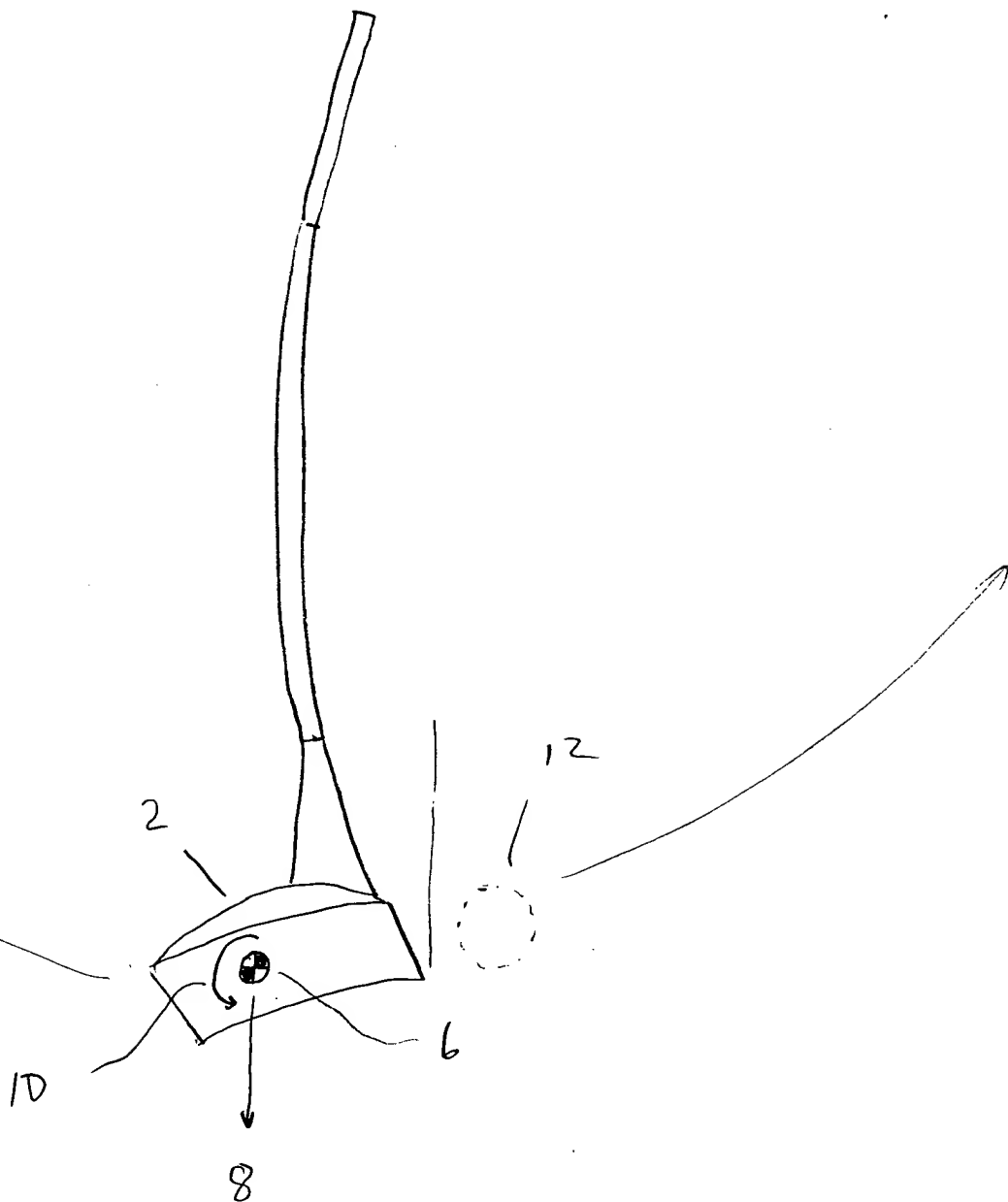
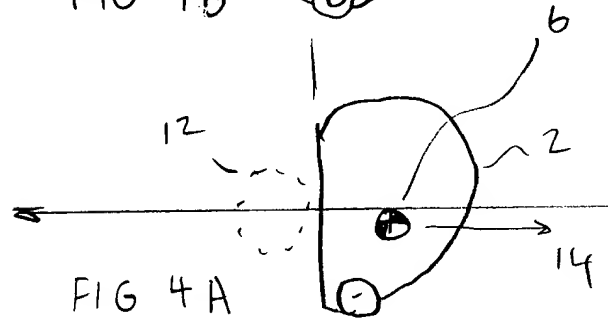
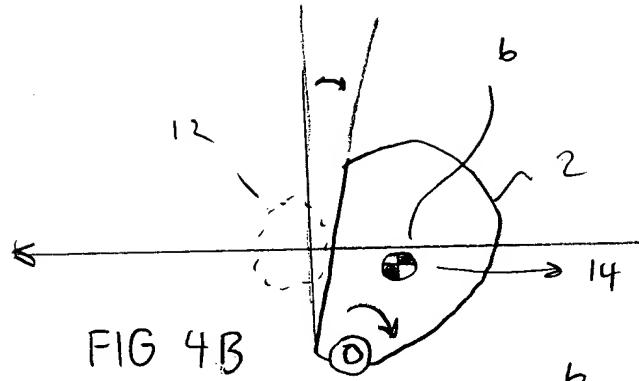


FIG 3



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2024-04-23 14:00

FIG 5 B

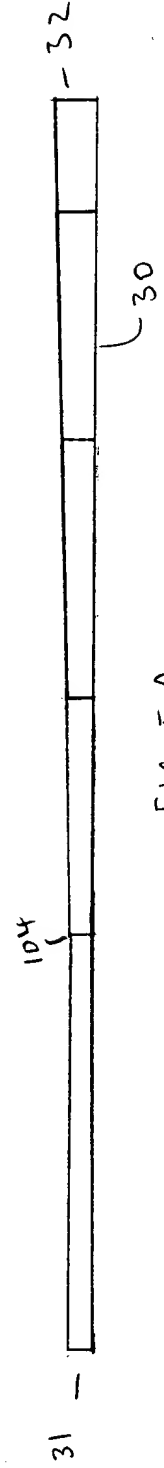
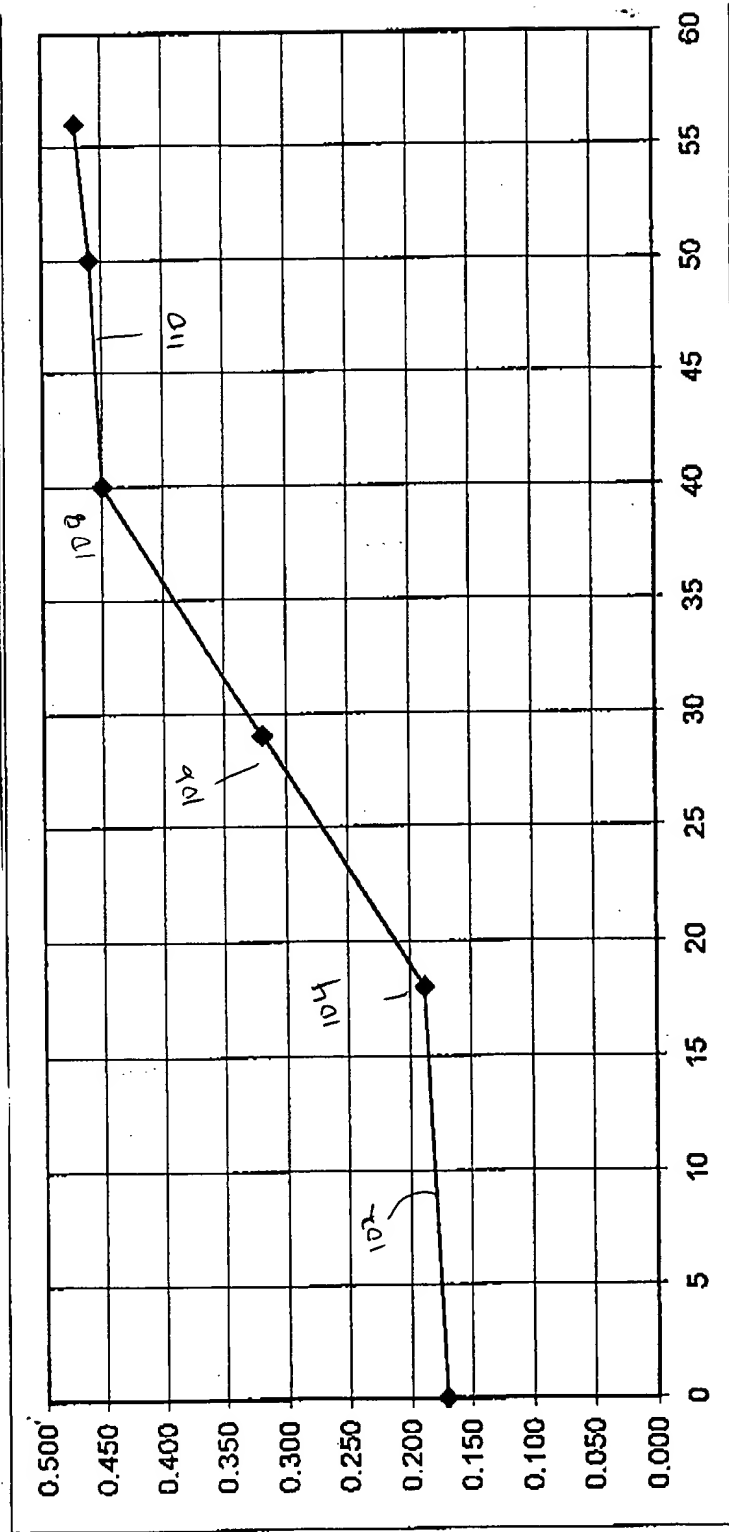


FIG 5A

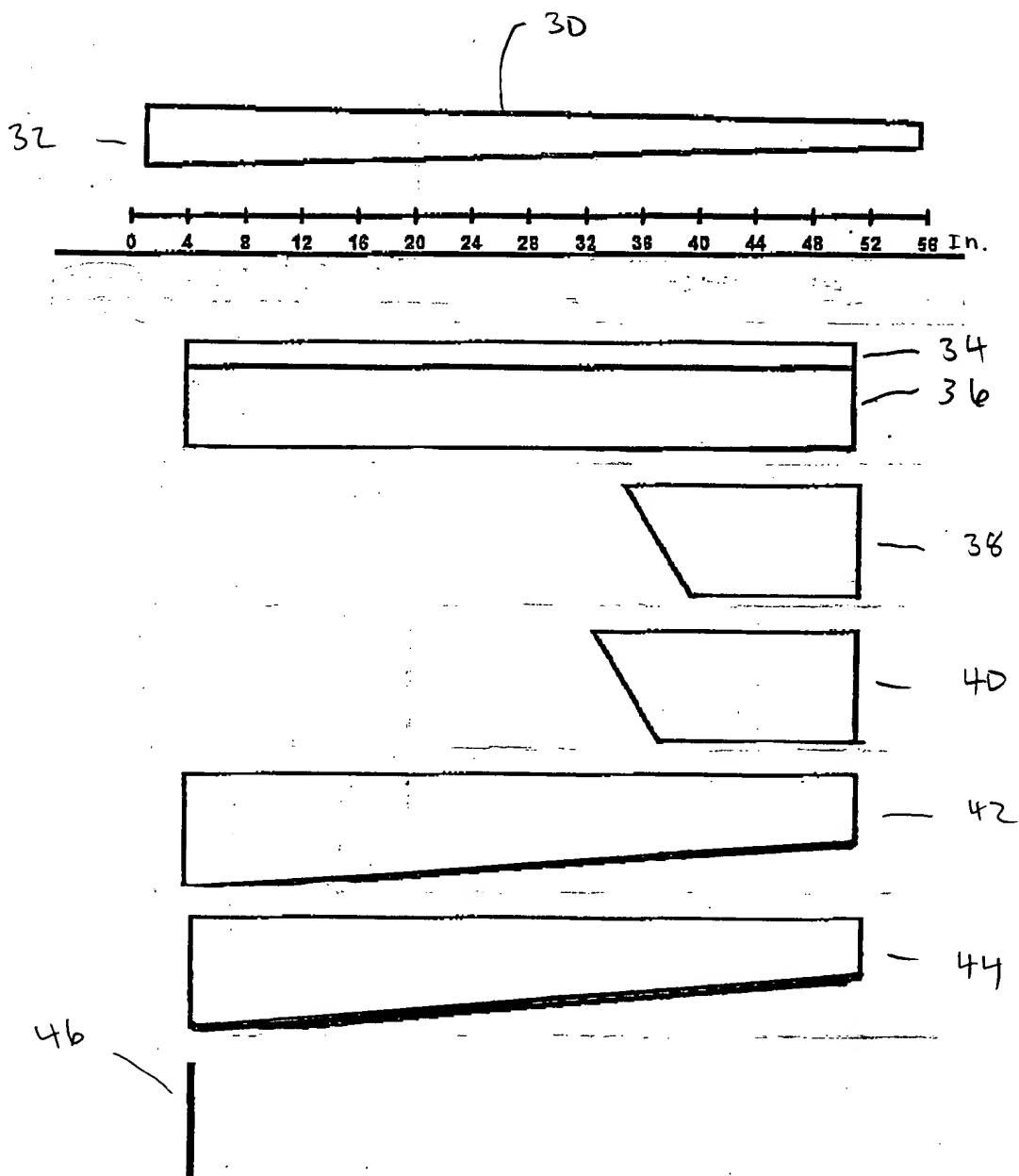


FIG 6

2025-04-23 14:00

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FIG 7B

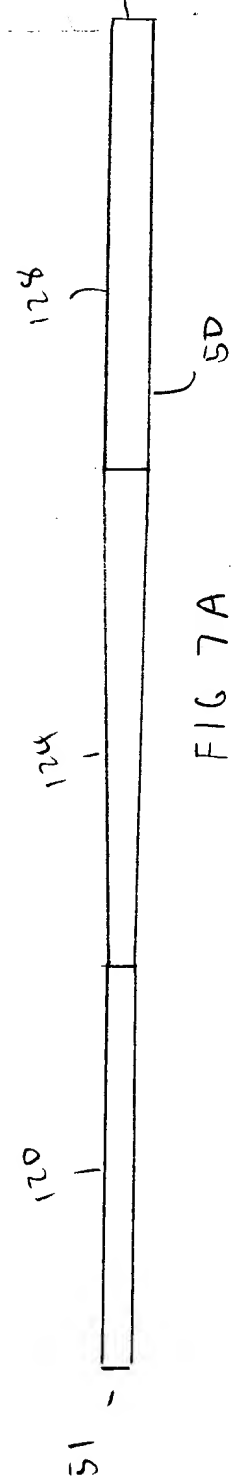
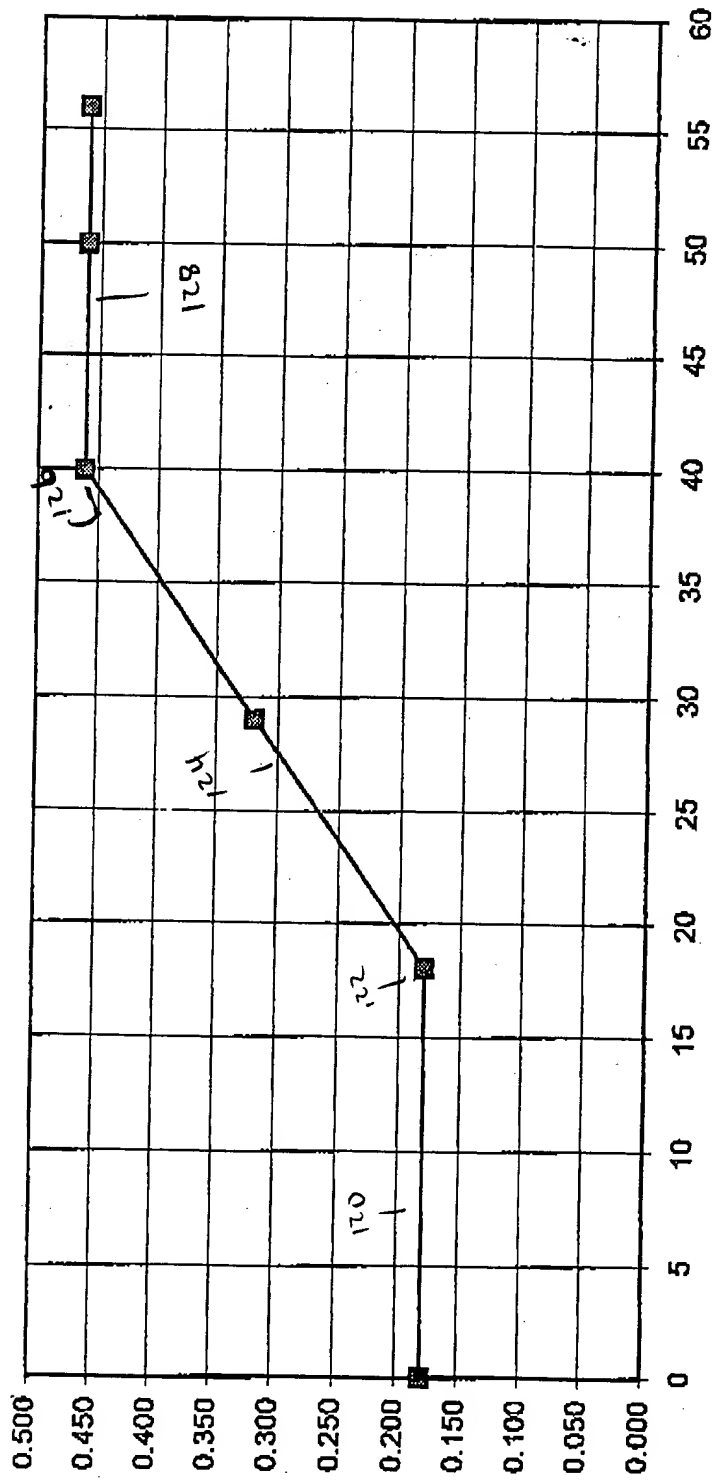


FIG 7A

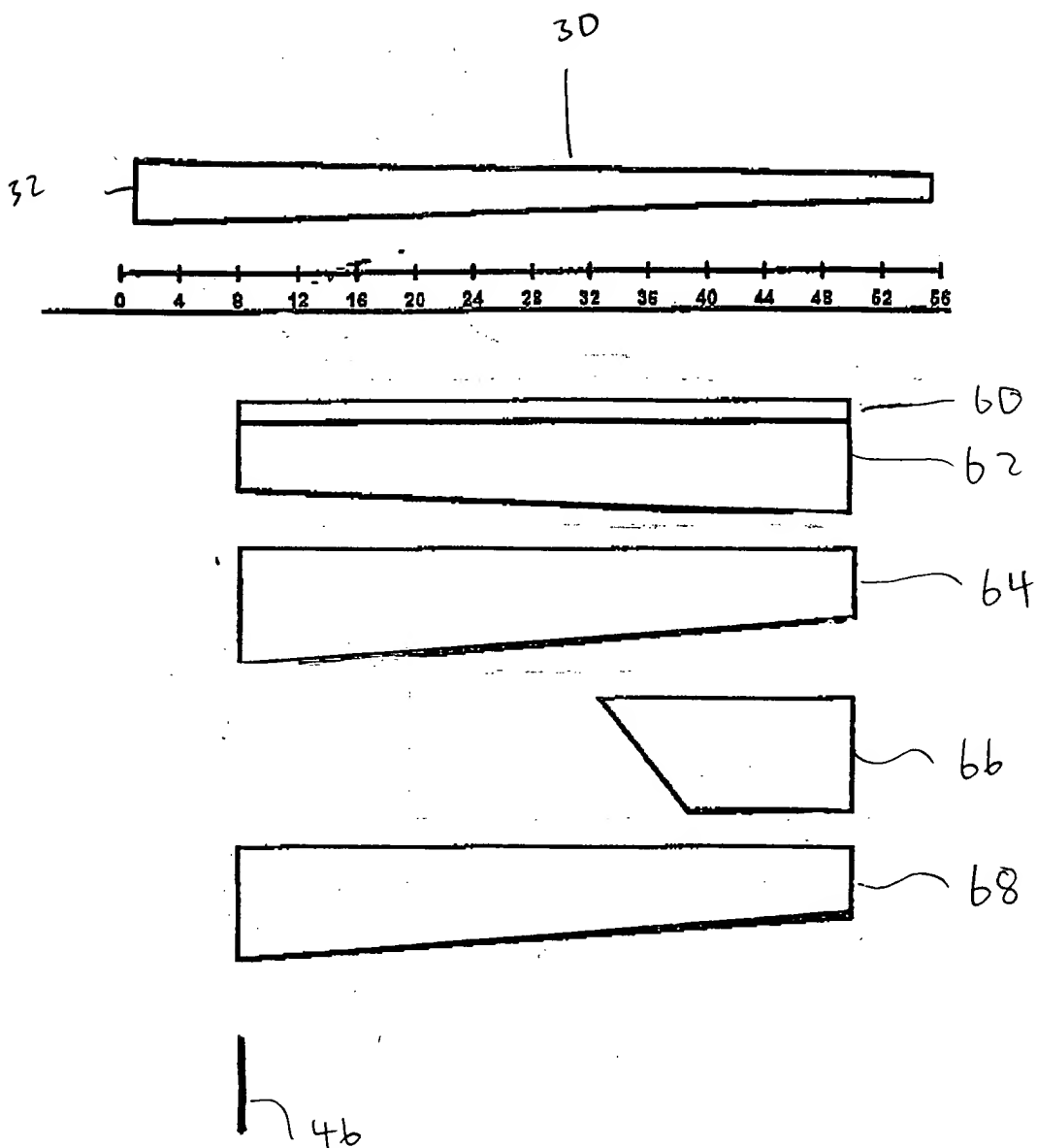


FIG 8

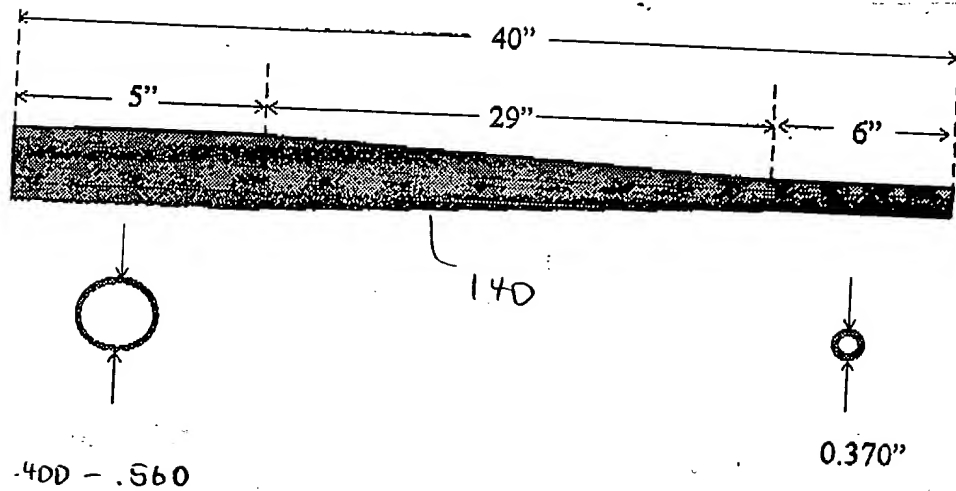


FIG 9A

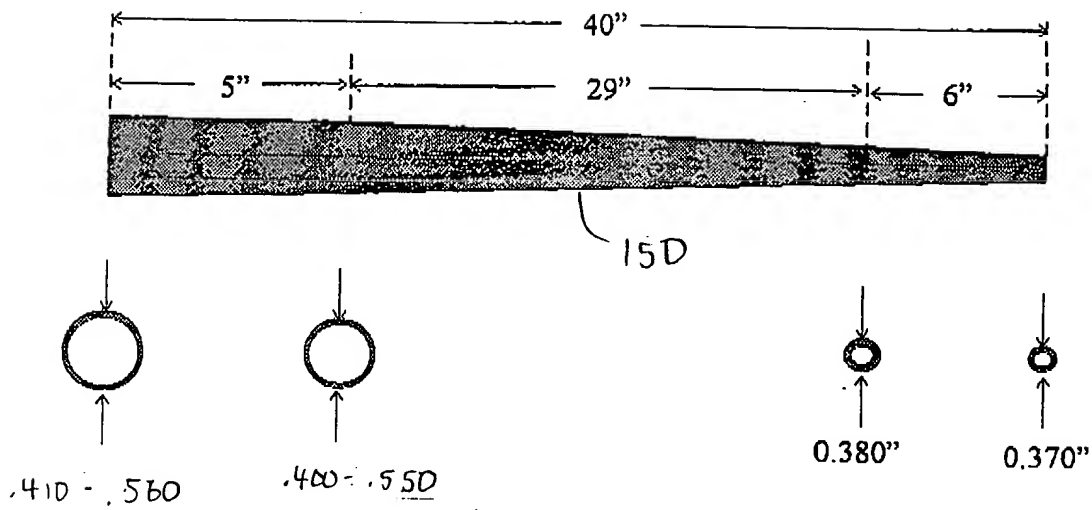
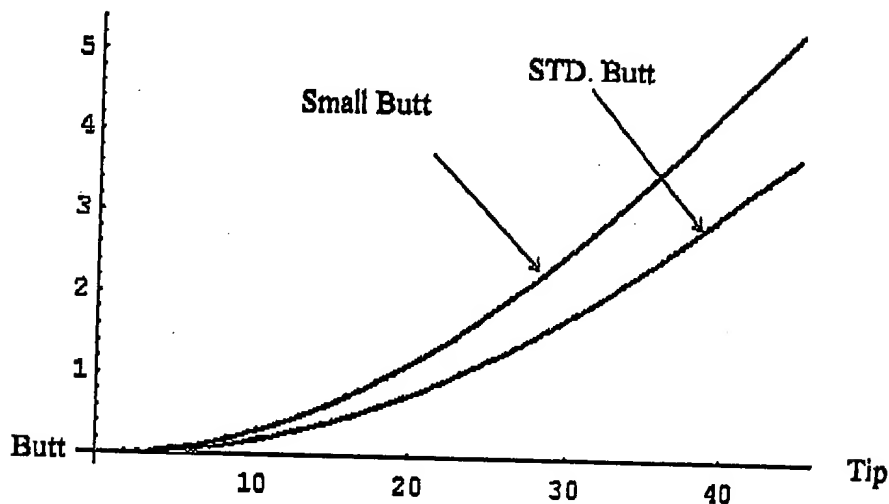


FIG 9B

IV: Cantilever Beam:

Case 1:

Length=45"
OD/std=.620"
OD/small=.540"
Tip Load = 6 lb



V: Simply Supported Beam

Case 1:

Length=45 "
OD/std=.620"
OD/small=.540"
Moment, @butt=1 ft lb
Moment, @tip=1 ft lb

FIG 10

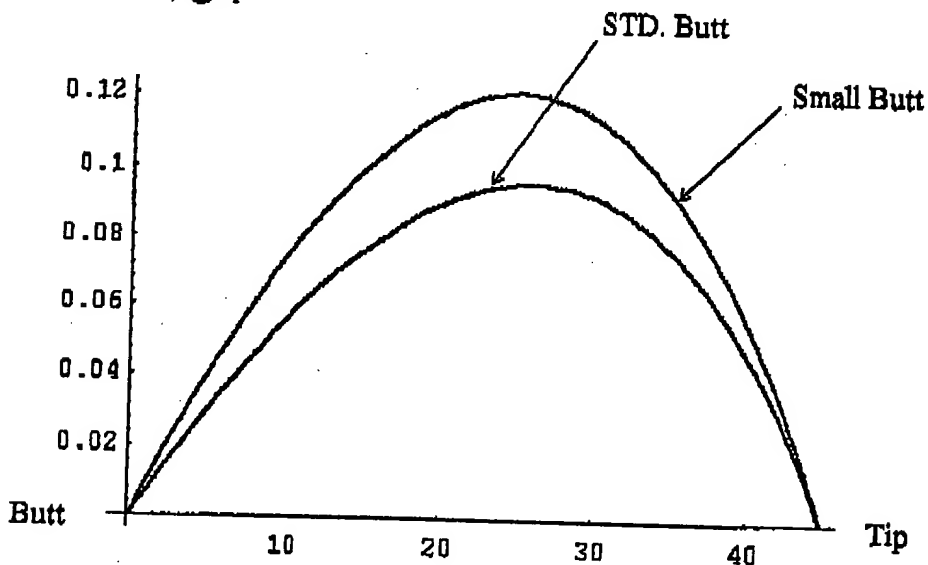


FIG 11